Abstract

[PROBLEMS] To connect a plenty of computers and constitute a grid computing system.
[MEANS FOR SOLVING PROBLEMS]
A grid computing system as follows is provided. A management server generates execution instruction information including information for identifying each processing program executing a pat of job and an execution sequence of processing programs and transmits input data and the execution instruction information, while correlating them to a reception server which executes the processing program to be executed firstly by inputting the input data. Each of the reception servers executed the processing program by inputting the received input data so as to update the input data, selects a reception server to execute the processing program to be executed next by inputting the input data according to the execution instruction information received while being correlated to the input data, and transmits the received execution instruction information and the updated input data, while correlating them, to the selected reception server.